

## SEQUENCE LISTING

<110> C. Frank Bennett  
Jacqueline Wyatt

<120> ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP IIA (SYNOVIAL)  
EXPRESSION

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&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; CDS

&lt;222&gt; (136) . . . (570)

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ccaagaactc ttacc atg aag acc ctc cta ctg ttg gca gtg atc atg atc 171  
Met Lys Thr Leu Leu Leu Leu Ala Val Ile Met Ile

1 5 10

ttt ggc cta ctg cag gcc cat ggg aat ttg gtg aat ttc cac aga atg 219  
Phe Gly Leu Leu Gln Ala His Gly Asn Leu Val Asn Phe His Arg Met

15 20 25

atc aag ttg acg aca gga aag gaa gcc gca ctc agt tat ggc ttc tac 267  
Ile Lys Leu Thr Thr Gly Lys Glu Ala Ala Leu Ser Tyr Gly Phe Tyr  
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Gly Cys His Cys Gly Val Gly Arg Gly Ser Pro Lys Asp Ala Thr  
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Ser Arg Ile Thr Cys Ala Lys Gln Asp Ser Cys Arg Ser Gln Leu Cys  
95 100 105gag tgt gat aag gct gcc acc tgt ttt gct aga aac aag acg acc 507  
Glu Cys Asp Lys Ala Ala Ala Thr Cys Phe Ala Arg Asn Lys Thr Thr

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Tyr Asn Lys Lys Tyr Gln Tyr Ser Asn Lys His Cys Arg Gly Ser  
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Thr Pro Arg Cys  
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&lt;223&gt; PCR Probe

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<213> Mus musculus

<220>

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Leu Leu Ala Ala Ser Ile Met Ala Phe Gly Ser Ile Gln Val Gln  
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ggg aac att gcg cag ttt ggg gaa atg att cgg ctt aag aca gga aag 151  
Gly Asn Ile Ala Gln Phe Gly Glu Met Ile Arg Leu Lys Thr Gly Lys  
25 30 35

aga gct gag ctt agc tat gcc ttc tat gga tgc cac tgt ggc ctg ggt 199  
Arg Ala Glu Leu Ser Tyr Ala Phe Tyr Gly Cys His Cys Gly Leu Gly  
40 45 50

ggc aaa gga tcc ccc aag gat gcc aca gac cgg tgc tgt gtt act cat 247  
Gly Lys Gly Ser Pro Lys Asp Ala Thr Asp Arg Cys Cys Val Thr His  
55 60 65

gac tgt tgc tac aag agc ctg gag aaa agt gga tgt ggt act aag tta 295  
Asp Cys Cys Tyr Lys Ser Leu Glu Lys Ser Gly Cys Gly Thr Lys Leu

70 75 80

ctg aaa tac aag tac tcc cac caa ggg ggc caa atc acc tgt tct gca 343  
Leu Lys Tyr Lys Tyr Ser His Gln Gly Gly Gln Ile Thr Cys Ser Ala  
85 90 95 100

aac cag aac tcc tgt cag aaa cgg ctg tgt cag tgc gat aaa gcc gcc 391  
Asn Gln Asn Ser Cys Gln Lys Arg Leu Cys Gln Cys Asp Lys Ala Ala  
105 110 115

gct gaa tgt ttc gcc cgg aac aag aaa acc tac agt tta aag tac cag 439  
Ala Glu Cys Phe Ala Arg Asn Lys Lys Thr Tyr Ser Leu Lys Tyr Gln  
120 125 130

ttc tac ccc aac atg ttt tgc aaa ggg aag aag ccc aaa tgc tga 484  
Phe Tyr Pro Asn Met Phe Cys Lys Gly Lys Lys Pro Lys Cys \*  
135 140 145

aaagagccat ctccgtaaac acccggacat gcgcgtctcc catcacacct ctcccagccc 544  
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caccactcca cttccttcaa tctgtctact tccaccttcc tcttggcatc caacttcctt 724  
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<210> 13

<211> 30

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<212> DNA

<213> Homo sapiens

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aagagaggat gttggcacta tcaggtaatt acgagaggat gtgtatgtt gtgcattgtt 180  
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Met Lys Thr  
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ctc cta ctg ttg gca gtg atc atc ttt g gtaagagctg accctgaccc 829  
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ctgagcatgg gggacagccc cagaaggaa gcactcttg cccttagttt tctctccat 889  
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Lys Phe Ser Asn Ser Gly Ser Arg Ile Thr Cys

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95

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agccactgaa tattaataaa gtccttcatctt gtgttttattt tcttatgatt t ca aaa 3692

Ala Lys

cag gac tcc tgc aga agt caa ctg tgt gag tgt gat aag gct gct gcc 3740  
Gln Asp Ser Cys Arg Ser Gln Leu Cys Glu Cys Asp Lys Ala Ala Ala

100

105

110

115

acc tgt ttt gct aga aac aag acg acc tac aat aaa aag tac cag tac 3788  
Thr Cys Phe Ala Arg Asn Lys Thr Thr Tyr Asn Lys Lys Tyr Gln Tyr  
120 125 130

tat tcc aat aaa cac tgc aga ggg agc acc cct cgt tgc tga 3830  
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&lt;223&gt; Antisense Oligonucleotide

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<210> 33

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<223> Antisense Oligonucleotide

<400> 33

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<210> 34

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75 80 85

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